

Easy Park Mapping App.

Access Park Maps  
without ArcGIS

"A server crash early in 2012 wiped out a previous version of our Geocortex web-mapping application. About the same time, the Pacific Island Network hired a new GIS Specialist, Scott Kichman, who completely redesigned the tool. Faster and easier than ArcGIS, the new application also serves as a platform to deliver data with a powerful spatial context."

—G. Kudray, NPS  
PACN Program Manager

User Friendly

The application interface in Geocortex is simple to use, easy to maintain, and very similar to Bing™ and Google Map™ applications.

What You'll Find


The web maps are “park centric”. Each map that you open contains baseline information relative to a particular park and, in some cases, the island that the park resides on. Within each map are imagery data including scaled USGS topography maps, and aerial and terrain imagery. Geocortex also links to I&M data, external spatial databases, files, and web services.

The main web page is a launch platform. As soon as you open the web page, you will see a Quickstart Guide link which gives more detailed information on how to use the application. From there you will have easy access to geospatial data such as basic park maps, park vegetation maps, bird monitoring

plots, and much more. You can enable or hide data to get exactly what you want. As more monitoring data is collected, new information will be added to the maps.

Also included are: NOAA/NWS links to extensive coastal data, weather forecasts for all national parks in the Pacific islands, current VOG conditions, VOG alerts, and PACN contact information.

Simply go to  
<http://pacn.maps.nps.gov/>



**Pacific Island Network Geospatial Services**

[Vital Sign Info](#)

[PACN I&M](#)

[NPS I&M](#)

[NPS I&M Web Maps](#)

[PACN GIS SOPs](#)

[NPS Published Hawaiian Island Maps](#)

**Non NPS links**

[Pacific Islands Benthic Habitat Mapping Center](#)

[USDA Pacific Islands Invasive Species](#)

[USGS Water Quality Data](#)

[The Nature Conservancy Anchialine Pools](#)

[NOAA Pacific Island Climate](#)

**Launch Pacific Island Network (PACN) Inventory and Monitoring Map Services**

**How to use this web page:**

[Quickstart Guide](#)

Select the PACN park map service you require from the menus below.


Data have been pre-loaded into the maps for ease of use. By default, all data is turned off with the exception of base boundary and transportation data. Templates are available to export maps for file and email distribution, or the maps can be printed.

<b>Hawai'i Volcanoes NP</b>	<b>Kaloko-Honokōhau NHP</b>	<b>Pu'uhonua O Hōnaunau NHP</b>	<b>American Memorial Park</b>
<b>Pu'ukoholā Heiau NHS</b>	<b>Kalaupapa NHP</b>	<b>Haleakalā NP</b>	<b>NP American Samoa</b>
<b>War in the Pacific NHP</b>	<b>Ala Kahakai NHT</b>	<b>NOAA Charts</b>	



**Traveling to another Park?**

**NOAA Services**

**Real Time Coastal Observations Mapping Portal**

[nowCOAST](#)

**Weather Forecasts**

[NOAA HAVO](#)

[NOAA KAHQ](#)

[NOAA PUHE](#)

[NOAA PUHO](#)

[NOAA HALE](#)

[NOAA KALA](#)


[NOAA NPSA](#)

[NOAA WAPA](#)

[NOAA AMME](#)

**Let's be safe out there!**

[Current SO<sub>2</sub> Conditions](#)



**Kaloko-Honokōhau National Historical Park**

U.S. Department of the Interior  
National Park Service

Search for map features...

Getting Around Maps & Data Sources Tasks Analysis

Pan Zoom In Zoom Out Full Extent Previous Extent Next Extent

Map Scale: 1: 16,845

Jump to a map bookmark...

Help What's This?

Point Identify

Location Info

Information & Actions

Help

**Map Layers**

☒ Focal Terrestrial Plant Community...

☐ Sampled Plots

☐ Coastal Strand Sampling Frame

☒ Benthic Marine

☐ Benthic Sampled Data

☐ Sampling Area

☐ Bathymetry

☒ Water Quality

☐ Water Quality Sampled 2008

☐ Water Quality Sampled 2009

☐ Water Quality Sampled 2010

☐ Marine Sampling Frame

☒ Vegetation Map

☒ KAHQ Vegetation

☒ Climate Station Data

☐ Climate/Weather Stations

☐ Aerial with Labels

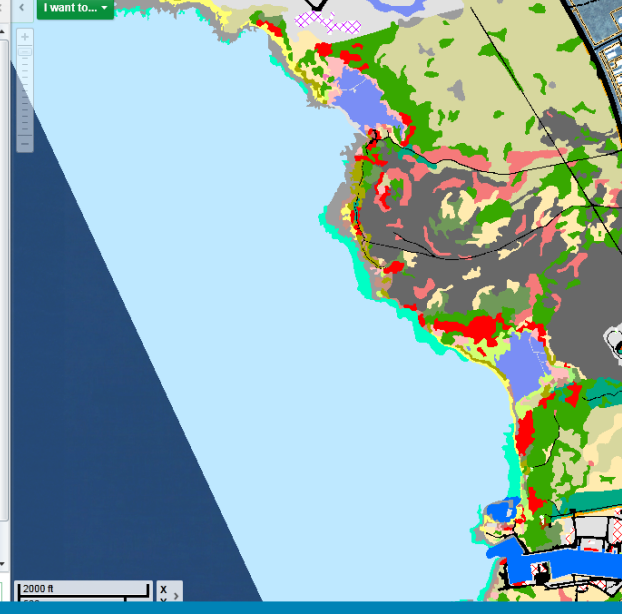
☐ Base Layer

☒ Hawaii Quickbird 2009

☐ Topo Maps

☐ Base Maps

☐ Buildings



**Map Code** DS\_BAM

**Pickweed Semi-natural Dwarf-shrubland**

*Batis maritima* Semi-natural Dwarf-shrubland

**Common Species**

pickweed (*Batis maritima*)

seashore paspalum (*Paspalum vaginatum*)

fountain grass (*Pennisetum setaceum*)

southbush (*Pluchea carolinensis*)

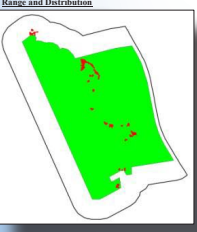
**rUSNVC Association**

*Batis maritima* Semi-natural Dwarf-shrubland


**Description**

Pickweed forms large sprawling mats along the coast and around the margins of the fish ponds at KAHQ. Pickweed is a low-growing, dense, succulent plant that forms monotypic stands in mesic areas as evidenced by its presence in and around the Kaloko and Aiea ponds. This map unit was characterized by a smooth, bright pink signature on the color infrared imagery representing the lush growth of this type. Due to its growth form and presence near water pickweed may have been confused with both the southbush and seashore paspalum map units.

**Range and Distribution**



**Photo Signature Example**




Vegetation map for Kaloko-Honokōhau National Historical Park. The Table of Contents shows GIS layers available to be turned off or on. There are base layers such as park boundaries, transportation, and background aerial imagery. There are also operational layers that display vital sign monitoring data and sampling information.

Users can click on a polygon to identify the vegetation type, then continue on to a pdf document with photos, species distribution, and other information about the vegetation.

**NEED HELP ?**  
Contact Scott at  
[scott\\_kichman@nps.gov](mailto:scott_kichman@nps.gov)

Established Invasive Species data along 1,000 meter transects in the Nāhuku / East Rift zone of Hawai'i Volcanoes National Park.

Color dots represent the cover (dominance) of fire tree (*Morella faya*) with a spectrum of yellow (low) to purple (high). Other invasive species in the Table of Contents can also be selected.



**Hawai'i Volcanoes National Park**

U.S. Department of the Interior  
National Park Service

Search for map features...

Getting Around Maps & Data Sources Tasks Analysis

Pan Zoom In Zoom Out Full Extent Previous Extent Next Extent

Map Scale: 1: 48,555

Jump to a map bookmark...

Help What's This?

Point Identify

Location Info

Information & Actions

Help

**Map Layers**

☒ EIPS\_HAVO\_WF\_ERIFT\_Morella faya

☐ EIPS\_HAVO\_WF\_ERIFT\_Nephrolepis brownii

☐ EIPS\_HAVO\_WF\_ERIFT\_Paspalum conjugatum

☐ EIPS\_HAVO\_WF\_ERIFT\_Psidium cattleianum

☐ EIPS\_HAVO\_WF\_ERIFT\_Tibouchina herbacea

☐ EIPS\_HAVO\_WF\_Kahuku\_Allen grass

☐ EIPS\_HAVO\_WF\_Kahuku\_Cyperus sanguinole

☐ EIPS\_HAVO\_WF\_OLAA\_Hedychium gardeniera

☐ EIPS\_HAVO\_WF\_OLAA\_Passiflora tarminiana

☐ EIPS\_HAVO\_WF\_OLAA\_Psidium cattleianum

☐ EIPS\_HAVO\_WF\_OLAA\_Rubus ellipticus var. c

☐ EIPS\_HAVO\_WF\_OLAA\_Setaria palmifolia

☐ HAVO WF Kahuku Linear Transects

☐ HAVO SA Linear Transects

☒ HAVO WF East Rift Linear Transects

☐ HAVO WF OLAA Linear Transects

☒ Focal Terrestrial Plant Community...

☐ Sampled Plots

☐ Wet Forest Sampling Frame

☐ Subalpine Sampling Frame

☐ Kahuku Hunting Units

